

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-5 (canceled)

1 **Claim 6 (previously presented):** A fitting system for in
2 situ fitting at least one hearing device to the auditory
3 needs of an individual with said hearing device applied
4 comprising:

5 a fitting calculator unit with an input and with a
6 setting signal output being linkable to a setting input of
7 a hearing device applied to said individual; and

8 a rating unit with an output and generating at said
9 output an output signal as a response of said individual's
10 appraisal of an auditory stimulus;

11 a bidirectional interface unit having an input linked
12 to the output of the rating unit, an output being linkable
13 to the setting input of the hearing device, and an
14 input/output being linkable to both the input and the
15 setting signal output of the fitting calculator unit;

16 said bidirectional interface unit exclusively providing
17 for transfer of information contained in a signal at the
18 output of the rating unit to the input of the fitting
19 calculator;

20 said bidirectional interface unit exclusively providing

21 for transfer of information contained in a setting signal at
22 the setting signal output of the fitting calculator unit to
23 the setting input of the hearing device;
24 said fitting calculator generating setting signals for
25 said hearing device as a function of said output signal of
26 said rating unit.

1 **Claim 7 (previously presented):** The fitting system of
2 claim 6, wherein said bidirectional interface is an I2C
3 interface.

1 **Claim 8 (previously presented):** The fitting system of
2 claim 6, wherein said rating unit is at least one of a
3 keypad and of a voice input device.

1 **Claim 9 (previously presented):** The fitting system of
2 claim 6, wherein said bidirectional interface unit is a
3 standalone unit and comprises an output/input for signals to
4 and from said input and said setting output of said fitting
5 calculator unit and an output linkable to said setting input
6 of said hearing device and an input linked to said output of
7 said rating unit.

1 **Claim 10 (previously presented):** The fitting system of
2 claim 6, wherein at least one of a link between said setting
3 signal output of said calculator unit and said setting input

4 of a hearing device and of a link between said output of
5 said rating unit and said input of said fitting calculator
6 unit comprises a wireless link.

1 **Claim 11 (previously presented):** A method for fitting
2 at least one hearing device comprising:

3 applying to an individual a hearing device with a
4 setting input;

5 exposing said individual with said hearing device to an
6 auditory stimulus;

7 having said individual input his appraisal of said
8 auditory stimulus to a rating unit;

9 communicating a signal in dependency of said appraisal
10 to a fitting calculator unit;

11 calculating setting values by said fitting calculator
12 unit in dependency of said appraisal signals;

13 communicating from said fitting calculator unit said
14 setting signal to a setting input of said hearing device at
15 said individual, thereby performing communication of said
16 appraisal signals to said fitting calculator unit and of
17 said setting values to said hearing device exclusively via
18 a bidirectional interface.

1 **Claim 12 (previously presented):** A fitting system for
2 in situ fitting at least one hearing device to the auditory
3 needs of an individual with said hearing device applied

4 comprising:

5 a fitting calculator unit with an input and with a
6 setting signal output being linkable to a setting input of
7 a hearing device applied to said individual; and

8 a rating unit with an output and generating at said
9 output an output signal as a response to said individual's
10 appraisal of an auditory stimulus;

11 wherein said output of said rating unit is linked to
12 said input of said fitting calculator unit and said setting
13 signal output of said calculator unit is linkable to said
14 setting input of said hearing device at said individual
15 exclusively via a bidirectional interface unit remote from
16 said fitting calculator; and

17 said fitting calculator generates setting signals for
18 said hearing device as a function of said output signal of
19 said rating unit.

1 **Claim 13 (previously presented):** The fitting system of
2 claim 12, wherein said bidirectional interface is an I2C
3 interface.

1 **Claim 14 (previously presented):** The fitting system of
2 claim 12, said rating unit including at least one of a
3 keypad and a voice input device.

1 **Claim 15 (previously presented):** The fitting system of

2 claim 12, wherein said bidirectional interface unit is a
3 standalone unit and comprises an interface for signals to
4 and from said input and said setting output of said fitting
5 calculator unit and an output linkable to said setting input
6 of said hearing device and an input linked to said output of
7 said rating unit.

1 **Claim 16 (previously presented):** The fitting system of
2 claim 12, wherein at least one of a link between said
3 setting signal output of said calculator unit and said
4 setting input of a hearing device, and of a link between
5 said output of said rating unit and said input of said
6 fitting calculator unit comprises a wireless link.

1 **Claim 17 (previously presented):** A method for fitting
2 at least one hearing device comprising:

3 applying to an individual a hearing device with a
4 setting input;

5 exposing said individual with said hearing device to an
6 auditory stimulus;

7 having said individual input his appraisal of said
8 auditory stimulus to a rating unit;

9 communicating a signal in dependency of said appraisal
10 to a fitting calculator unit;

11 calculating setting values by said fitting calculator
12 unit in dependency of said appraisal signals;

13 communicating from said fitting calculator unit said
14 setting signal to a setting input of said hearing device at
15 said individual, thereby performing communication of said
16 appraisal signals to said fitting calculator unit and of
17 said setting values to said hearing device exclusively via
18 a bidirectional interface remote from said fitting
19 calculator.

1 **Claim 18 (withdrawn):** A method for manufacturing a
2 hearing device fitted to an individual comprising the steps
3 of:

4 manufacturing a hearing device; and
5 applying to an individual said hearing device according
6 to the method for fitting of claim 17.

1 **Claim 19 (previously presented):** The fitting system
2 according to claim 6 wherein the bidirectional interface is
3 remote from the fitting calculator.

1 **Claim 20 (currently amended):** A system for adapting at
2 least one hearing device to the needs of an individual,
3 comprising:

4 an adaptation computing unit (1);
5 a first interface unit for exclusive output of signals
6 to at least one hearing device (7) connectable thereto;
7 a second interface unit for exclusive acceptance of

8 individual audio-stimulant reaction signals;
9 a computing unit (3) of the adaption computing unit,
10 ~~which calculates as a function of inputs to the second~~
11 ~~interface unit outputs to the first interface unit~~ for
12 calculating signals to be output by the first interface
13 unit, the signals being calculated based on audio-stimulant
14 reaction signals accepted by the second interface unit;
15 wherein the first and second interface units are in the
16 form of a single bidirectional communication unit.

1 **Claim 21 (previously presented):** The system according
2 to claim 20, wherein the bidirectional communication unit
3 (13) is an I2C interface unit.

1 **Claim 22 (previously presented):** The system according
2 to claim 20, further comprising an assessment input unit (9)
3 is provided for audio-stimulant reaction signals, the
4 assessment unit being at least one of a keypad and a voice
5 input unit, the assessment input unit being connectable to
6 the bidirectional communication unit (13).

1 **Claim 23 (previously presented):** The system according
2 to claim 20, wherein the bidirectional communication unit is
3 formed as a branching unit with a connection to the
4 adaptation computing unit, a connection to an assessment
5 input unit and a connection to the at least one hearing

6 device.

1 **Claim 24 (previously presented):** The system according
2 to claim 20, wherein a communication connection between the
3 hearing device and/or an input unit and the adaptation
4 computing unit (1) is at least partly wireless.

1 **Claim 25 (previously presented):** A fitting system for
2 in situ fitting at least one hearing device to the auditory
3 needs of an individual with said hearing device applied
4 comprising

5 a fitting calculator unit with an input and with a
6 setting signal output being linkable to a setting input of
7 a hearing device applied to said individual; and

8 a rating unit with an output and generating at said
9 output an output signal as a response of said individual's
10 appraisal of an auditory stimulus;

11 said output of said rating unit being directly linked
12 to said input of said fitting calculator unit and said
13 setting signal output of said calculator unit being directly
14 linkable to said setting input of said hearing device at
15 said individual via a bidirectional interface unit;

16 said fitting calculator generating setting signals for
17 said hearing device as a function of said output signal of
18 said rating unit.